B1 Cont. Sub C2 cont.

19) A method for producing carbon foam comprising directly heating comminuted c al particles in a pressure contr lled m ld t a temperature ranging from about 300° C to about 700° C.

20 A method for producing a coal-based carbon foam comprising:

A) comminuting coal containing adequate volatiles to permit foaming thereof upon the application of heat, to a small particle size to form a ground coal;

B) placing said ground coal into a mold;

C) heating said ground coal in said mold under a non-oxidizing atmosphere to a temperature and for a period adequate to produce a controlled foaming of said coal to form a preform; and

D) controllably cooling said preform.

Remarks

The newly introduced claims are being submitted to better claim what Applicant submits is the true essence of his invention.

As currently viewed by Applicant and his attorney, the essence of the present invention comprises the production of a unique carbon foam product through the comminution f c al to a small particle size and then heating the comminuted c al